GEOGRAPHIC INFORMATION SYSTEMS, CERTIFICATE

Certificate in Geographic Information Systems (https://advanced.jhu.edu/academics/certificates/geographic-information-systems/)

The Certificate in Geographic Information Systems program equips students with the knowledge they need to pursue new opportunities created by the expanding demand for geospatial professionals and data analytics experts. The five-course certificate program explores the principles and real-world applications of geospatial technology and data science in a convenient, fully online course format.

The Certificate in GIS program offers a foundation in the fascinating fields of Web GIS, geospatial data science, spatial and predictive analytics, programming, and application development. Students will gain invaluable experience in geospatial technology, utilizing web-based platforms and cloud computing environments, to further their understanding of the digital transformation that is revolutionizing business, government, industries, and social organizations.

Please note that this entry is for currently enrolled students only. The Certificate in Geographic Information Systems is not currently accepting new students.

Admissions Criteria for All Advanced Academic Programs (https://e-catalogue.jhu.edu/arts-sciences/advanced-academic-programs/Admission/#admissionrequirementstext)

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PROGRAM REQUIREMENTS

Students pursuing the Certificate in Geographic Information Systems must complete:

- Five required core courses

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Code	Title	Credits
Core Courses - Required:		**20**
AS.430.600	Web GIS	
AS.430.601	Geographic Information Systems (GIS)	
AS.430.603	Geospatial Statistics	
AS.430.604	Spatial Analytics	
AS.430.606	Programming in GIS	
Total Credits		**20**